

IN THE CLAIMS

1. (original) A method for presenting graphical data to a user, comprising the steps of:

analyzing a set of graphical data to determine a set of critical factors present in the graphical data;

ranking the determined critical factors according to respective priorities set for each of the critical factors; and

generating a textual description of the set of graphical data, ordered according to the priority of the respective critical factor.

2. (original) The method as recited in claim 1, wherein the set of critical factors and the textual description are selected according to a selected mode.

3. (original) The method as recited in claim 2, wherein the mode is selected according to a URL associated with the set of graphical data.

4. (original) The method of claim 1 wherein said step of generating said textual description further comprises the step of generating said textual rendition in an aural format.

5. (original) The method of claim 1 wherein said step of generating said textual description further comprises the step of generating said textual rendition in an tactile format.

6. (original) The method of claim 2 wherein said priority of the respective critical factor is determined in accordance with said selected mode.

7. (original) The method of claim 1 wherein said step of generating said textual description of the set of graphical data includes generating said textual description in accordance with one or more textual templates.

8. (original) A computer program product embodied in a tangible storage medium, the program product for presenting graphical data, the program product including a program of instructions for performing the steps of:

analyzing a set of graphical data to determine a set of critical factors present in the graphical data;

ranking the determined critical factors according to respective priorities set for each of the critical factors; and

generating a textual description of the set of graphical data, ordered according to the priority of the respective critical factor.

9. (original) The program product of claim 8 wherein the set of critical factors and the textual description are selected according to a selected mode..

10. (original) The program product of claim 9 wherein the mode is selected according to a URL associated with the set of graphical data.

11. (original) The program product of claim 8 wherein said program of instruction for performing the step of generating said textual description further comprises a program of instruction for performing the step of generating said textual description in an aural format.

12. (original) The program product of claim 8 said program of instruction for performing the step of generating said textual description comprises a program of instruction for performing the step of generating said textual description in a tactile format.

13. (original) The program product of claim 9 wherein said priority of the respective critical factor is determined in accordance with said selected mode.

14. (original) The program product of claim 8 wherein said step of generating said textual description of the set of graphical data includes generating said textual description in accordance with one or more textual templates.
15. (original) A data processing system comprising:  
circuitry operable for analyzing a set of graphical data to determine a set of critical factors present in the graphical data;  
circuitry operable for ranking the determined critical factors according to respective priorities set for each of the critical factors; and  
circuitry operable for generating a textual description of the set of graphical data, ordered according to the priority of the respective critical factor.
16. (original) The system as recited in claim 1, wherein the set of critical factors and the textual description are selected according to a selected mode.
17. (original) The system as recited in claim 2, wherein the mode is selected according to a URL associated with the set of graphical data.
18. (original) The system of claim 15 wherein said circuitry operable for generating said textual description further comprises circuitry operable for generating said textual rendition in an aural format.
19. (original) The system of claim 15 wherein said circuitry operable for generating said textual description further comprises circuitry operable for generating said textual rendition in an tactile format.
20. (original) The system of claim 16 wherein said priority of the respective critical factor is determined in accordance with said selected mode.
21. (original) The system of claim 15 wherein said circuitry operable for generating said textual description of the set of graphical data includes circuitry

A2 operable for generating said textual description in accordance with one or more textual templates.

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22. (new) The method as recited in claim 1, wherein the graphical data further comprises data in a format that produces a non-textual image on a display screen.

A3 23. (new) The method as recited in claim 22, wherein the generating step uses image analysis software for converting the graphical data into a textual description of the graphical data.

24. (new) The program product of claim 8, wherein the graphical data further comprises data in a format that produces a non-textual image on a display screen.

25. (new) The system as recited in claim 15, wherein the graphical data further comprises data in a format that produces a non-textual image on a display screen.

26. (new) The system as recited in claim 15, wherein the graphical data further comprises data in a format that produces a predominately non-textual image on a display screen.

27. (new) The program product as recited in claim 8, wherein the graphical data is selected from a group of GIF, JPEG, and PNG type data formats.

28. (new) The method as recited in claim 1, wherein the set of critical factors includes characteristics of data illustrated in a displayed multi-dimensional graph.

29. (new) The computer program product as recited in claim 8, wherein the set of critical factors includes characteristics of data illustrated in a displayed multi-dimensional graph.

30. (new) The system as recited in claim 15, wherein the set of critical factors includes characteristics of data illustrated in a displayed multi-dimensional graph.

31. (new) The method as recited in claim 1, wherein the textual description of the set of graphical data describes in words an illustrated description of the graphical data.

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32. The computer program product as recited in claim 8, wherein the textual description of the set of graphical data describes in words an illustrated description of the graphical data.

33. The system as recited in claim 15, wherein the textual description of the set of graphical data describes in words an illustrated description of the graphical data.

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